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ering at said display surface capable of tactile character retention and of being returned to an unwritten state after display.

12. The Braille reader of claim **6** wherein said structure is rotatable by a stepper motor.

13. A refreshable Braille reader comprising:

a rotatable assembly having a plurality of endless rows of openings arranged at one portion thereof, each said opening having a pin slidably maintained therein, each said pin having a shaft with a head at one end and a tip at an opposite end, said head of each said pin being enlarged relative to said shaft;

a static assembly maintained adjacent to said rotatable assembly, said static assembly including a plurality of actuators at least equal in number to said endless rows of said openings but fewer in number than said openings, said actuators including selectively extendible portions for contacting said pin heads, said actuators positioned adjacent to said endless rows of openings with each interacting thereat to slide selected ones of said pins in said openings thereby to position said tips relative to said portion of said rotatable assembly during rotation thereof, said static assembly further

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including a pin position retention structure adjacent to a display area, said retention structure including elements defining passages, each of said passages positioned to accommodate movement of plural selectively positioned ones of said pin shafts therethrough, said elements configured to disallow movement of said pin heads to thus maintain position of said pin tips at the display area; and

control means for controlling rotation of said rotatable assembly and operation of said actuators.

14. The Braille reader of claim **13** wherein said rotatable assembly is a cylinder having a cylindrical face with said openings therein.

15. The Braille reader of claim **13** wherein said control means includes rotation stop/start and rotation speed controls.

16. The Braille reader of claim **13** wherein said static assembly further includes a default positioning device for returning said pins to a preselected position by pin manipulation at said heads.

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